Mark C. McConnell
Deputy Executive Director/
Chief Engineer

Charles R. Carr
Director
Office of Intermodal Planning

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Lisa M. Hancock
Deputy Executive Director/
Administration

Willie Huff
Director
Office of Enforcement

Melinda L. McGrath
Executive Director

P.O. Box 1850 / Jackson, Mississippi 39215-1850 / Telephone (601) 359-7700 / FAX 601) 359-7732 / GoMDOT.com

April 26, 2013

TO ALL SHORTLISTED PROPOSERS

ADDENDUM 3
DB/STP-0029-03(009)/102556-304000

Marshall County

Dear Sir or Madam:

Please attach to and make a part of the proposal assembly the attached sheets:

Revised pages 5; 11-17; 89; 92; 107-108; 217; 274; 303; 321; 337-339; 343; 352; 369 and inserted pages 18A-18F; 31I-31J; 48A-48B; 155A; 217A; 229A Also attached is Sheet 2 of Section 905 – Proposal (Addendum No. 3), this sheet should be substituted for similar sheet now in the proposal.

Kindly acknowledge receipt and attachment of the proposal sheets by signing below and returning this letter with your Volume 2 submittal.

Yours very truly,

Signature on file

B. B. House, P.E.
Contract Administration Engineer

_____
Contractor

By _____

Date _____

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.	**1**	DATED	**2/12/2013**	ADDENDUM NO.	**3**	DATED	**4/26/2013**
ADDENDUM NO	**2**	DATED	**4/05/2013**	ADDENDUM NO.		DATED	

Number	Description
1	Revised pages 1-18; 56; 60-61; 112-114; 294-296; 300-304; 320; 326; 343 and inserted pages 31A-31H.
2	Revised pages 3-4; 17; 33; 60-61; 327; 332-333.
3	Revised pages 5; 11-17; 89; 92; 107-108; 217; 274; 303; 321; 337-339; 343; 352; 369 and inserted pages 18A-18F; 31I-31J; 48A-48B; 155A; 217A; 229A

TOTAL ADDENDA: **3**
(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

_____
Contractor

BY _____
Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

President	Address
Secretary	Address
Treasurer	Address

The following is my (our) itemized proposal.

Control. The Contractor will be responsible for the Quality Control Testing of asphalt and concrete mixtures. The Contractor will also be responsible for providing the Pile Dynamic Analysis (PDA) and pile driving criteria for all bridge sites, and as a result, provide recommended pile lengths to be approved by MDOT.

The submittal of a Proposal in response to this RFP, with all required signatures, shall constitute the Proposer's agreement to enter into a contract with the Commission for the completion of the Project under the terms set forth in the Contract. The terms of the Contract are not negotiable.

The Commission values a partnering approach on projects and as such this Project will require regular Partnering Sessions.

The contract for this Project contains a Disadvantaged Business Enterprise (DBE) goal of ten percent (10%) of the Contract Price. The Proposer shall submit form OCR-485 with their Submittal of Contract Price Proposal (Volume 2). The Proposer should also include with their submittal of the Contract Price Proposal (Volume 2) a request for payment of the stipend should they not be awarded the Best-Value Proposal.

Proposal Stipend

A stipend in the amount of $75,000.00 will be paid to each responsive Proposer not selected as the successful Proposer.

III. GENERAL INSTRUCTIONS

Pre-Proposal Meeting

A mandatory Pre-Proposal meeting is scheduled for the date as specified in Section X, Milestone Schedules, in the auditorium on the first floor of the MDOT Building, 401 North West Street, Jackson, MS 39201. Shortlisted Proposers **are required** to have a representative at the Pre-Proposal meeting in order for their Proposal to be considered. The purpose of the meeting is to review the information provided in the RFP and to receive questions from the Proposers.

Questions

Proposers are encouraged to submit written questions at least three (3) days prior to the mandatory Pre-Proposal Meeting. After the mandatory meeting, only the Project Director may submit questions or request clarifications relating to the RFP. These inquiries must be e-mailed to I269@mdot.ms.gov and received by the date and time as specified in Section X, Milestone Schedule.

The list of questions received and MDOT's written responses to these questions and any applicable addenda will be posted on the MDOT web page (www.gomdot.com).

6. **Schedule Summary and Work Plan** – The Proposer should submit a summary schedule demonstrating how the Contractor plans to complete the Project within its prescribed schedule for completion. The summary schedule should include dates for planned start and finish of design, procurement of major items, mobilization, foundation installation, superstructure installation, and the total number of calendar days from the Notice to Proceed to Final Completion.

   The Proposer should also submit a preliminary construction work plan detailing the number of crews anticipated, shifts, and length of work week for the Work proposed to be completed. The proposed number of calendar days for Final Completion shall be the same as shown on the Contractor's Schedule Certificate. The Contractor's Schedule Certificate shall be used as the basis for the assessment of Liquidated Damages included in the Contract.

   The Proposer shall submit a Schedule of Values detailing all quantities required for the Project utilizing standard MDOT pay items. The Schedule of Values shall be submitted with Volume 2. A sample Schedule of Values is attached to this RFP.

7. **Key Individuals** – Proposer shall include a copy of the organization chart in the Proposal as provided in the Statement of Qualifications and shall state that there are no modifications to Key Individuals as submitted in the Statement of Qualifications if no modifications were approved by MDOT. If personnel changes are anticipated, then the Proposer shall resubmit all Key Individual information as defined in the Request for Qualifications (RFQ) and shall present a justification for the change. Any modification will require prior MDOT approval. A copy of the organization chart should be provided in the front of the Volume 1 Technical Proposal appendices.

   Modifications to the Proposer's team or Key Individuals and other personnel listed in the Proposer Statement of Qualifications are discouraged. MDOT will not approve requests for modification without justification. Examples of justification include death of a team member, changes in employment status, bankruptcy, inability to perform, organizational conflict of interest, or other such significant cause. In order to secure MDOT's approval prior to the award of the contract, a written request shall be forwarded to the person and address as shown in the Section III, General Instructions, Proposal Submittal of this RFP. The request shall include: a) the nature of the desired change, b) the reason for the desired change, and c) a statement of how the desired change will meet the required qualifications for the position/responsibility. No such modification will be made without prior MDOT approval.

8. **Organizational Conflict of Interest** - The Proposer's attention is directed to 23 CFR Section 636 Subpart A and in particular to Subsection 636.116 regarding organizational conflicts of interest. Subsection 636.103 defines "organizational conflict of interest" as follows:

Organizational conflict of interest means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the owner, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage.

The Proposer shall provide information concerning potential organizational conflicts of interest and disclose all relevant facts concerning any past, present or currently planned interests which may present an organizational conflict of interest. The Proposer shall state how its interests or those of its chief executives, directors, Key Individuals for this Project, or any proposed consultant, contractor or subcontractor may result, or could be viewed as, an organizational conflict of interest.

The Proposer is prohibited from receiving any advice or discussing any aspect relating to the Project or the procurement of the Project with any person or entity with an organizational conflict of interest, including, but not limited to Garver LLC, URS Corporation, Thompson Engineering Inc., and any affiliates of the afore mentioned. Such persons and entities are prohibited from participating in a Proposer organization relating to the Project.

The Proposer agrees that, if after award, an organizational conflict of interest is discovered, the Proposer must make an immediate and full written disclosure to MDOT that includes a description of the action that the Proposer has taken or proposes to take to avoid or mitigate such conflicts. If an organizational conflict of interest is determined to exist, MDOT may, at its discretion, cancel the Design-Build contract for the Project. If the Proposer was aware of an organizational conflict of interest prior to the award of the contract and did not disclose the conflict to MDOT, then MDOT may terminate the contract for default.

9. **Required Forms and Certifications** – The Proposer shall provide the following completed document:
    1. Contractor's Schedule Certificate as indicated in Section 905.

    This form should be placed at the beginning of Volume 1. This form will not be counted against the page limitation.

Volume 2 – Contract Price Proposal (Marked and Sealed per 907.102.09)

This Contract Price Proposal shall contain the following information:

1. All pages of Section 905 including acknowledgment of addenda and bid sheets completed and signed.
2. A certified check, cashier's check or Proposer's Bid Bond payable to the State of Mississippi in the principle amount of 5% of the bid that includes the project number, executed by the Proposer and signed or countersigned by a qualified Mississippi agent or qualified nonresident agent for the Surety with Power of Attorney attached.

3. An executed Equal Opportunity Clause Certification as indicated in Section 905.
4. A signed list of all Firms submitting quotes (OCR-485) as indicated in Section 905.
5. The Certification regarding Non-Collusion, Debarment and Suspension, etc. executed in duplicate as indicated in Section 905.
6. Notice to Proposers No. 3414 DB: DUNS Requirement for Federal funded Projects
7. A completed Schedule of Values detailing the quantities (using standard MDOT pay items), unit prices, and extensions summing to the total value of the bid.

The information obtained under this RFP of the successful Proposer shall become the exclusive property of the Commission without restriction or limitation on its use. The Proposer should also include with their submittal of the Contract Price Proposal (Volume 2) a request for payment of the stipend should they not be awarded the Best-Value Proposal. The Commission shall have unrestricted authority to publish, disclose, distribute, or otherwise use in whole or in part any reports, data, or other materials prepared under this RFP by the successful Proposer. The Commission shall retain ownership of all plans, specifications, and related documents.

V. ESCROW PROPOSAL DOCUMENTS

The Proposer is required to escrow all Proposal documents in accordance with Special Provision 907-103.06 within two (2) business days of Notification of Award. Failure to escrow documents in the allotted time may result in rescission of the award and/or forfeiture of the Proposer's bid bond.

VI. EVALUATION OF PROPOSALS

A Proposal Review Committee ("Committee") will be appointed to evaluate the Technical Proposals on behalf of the Commission. The Committee will be comprised of MDOT employees. In addition, MDOT will assemble a group of advisory members, that shall include the Federal Highway Administration (FHWA), and others with various areas of expertise.

VII. PAGE-TURN MEETING

Representatives of MDOT and FHWA will meet with each Proposer, formally for thirty (30) minutes, for a page-turn meeting. The purpose of the page-turn meeting is for the Design-Build Firm to guide representatives of MDOT and FHWA through the Technical Proposal, highlighting sections within the Technical Proposal that the Proposer wishes to emphasize. The page-turn meeting will occur on the days identified in the Milestone Schedule in Section X of this RFP. The MDOT will terminate the page-turn meeting promptly at the end of the allotted time. The MDOT may record all or part of the page-turn meeting. All recordings will become part of the Proposal. The page-turn meeting will not constitute discussions or negotiations. The Proposer's team will not be permitted to ask questions of any MDOT or FHWA representatives during the page-turn meeting. An aerial or topographic map of the project limits provided by the Proposer's team is

acceptable for reference during the page-turn meeting. The CD submitted by the Proposer will be made available along with any equipment necessary to project its contents on a screen during the page-turn meeting. Use of other visual aids, electronic presentations, handouts, etc., during the page turn meeting is expressly prohibited. Upon conclusion of the thirty (30) minutes, MDOT or FHWA representatives will be allowed up to ten (10) minutes to ask the Proposer's team questions about the Proposal. Participation in the page-turn meeting by the Proposer's team shall be limited to no more than five (5) representatives from the Proposer's team. Prior to beginning the page-turn meeting, each team member shall introduce themselves and describe their role in the project. Proposers desiring to opt out of the page-turn meeting may do so by submitting a request to the Department.

VIII. CRITERIA FOR SCORING

The Commission has developed criteria for use in evaluating and scoring the Proposals. The Committee will use these criteria to develop a numerical score of each Proposal. Scoring will be based on a point system. The Committee will evaluate the Proposals based on meeting the technical evaluation criteria as shown below. The Committee will not evaluate as part of the Proposal construction plans which have been provided by the Commission.

The maximum points for each evaluation criteria will be as follows:

- Compliance with the RFP Requirements – 5
- Design Plan - 30
- Construction Plan - 35
- Management Approach - 10
- Quality Management Plan – 10
- Schedule – 10

The Committee will consider the following minimum criteria:

Compliance with the RFP Requirements

I.1 Overall Presentation - How well is the Proposal presented, and how well are the formatting instructions met?

Design Plan

II.1. How well has the Proposer presented a logical and detailed approach to the project?
II.2. How well has the Proposer complied with the design criteria established in the RFP?
II.3. How well has the Proposer's design minimized the impacts to the natural environment, especially the Coldwater River Crossing?
II.4. How clearly does the Proposer explain the work using completed plans by MDOT and the portions of the project that will be designed by the Proposer's team?
II.5. How well has the Proposer presented innovative design solutions and how effective could the innovations be?

II.6. How well has the Proposer's design minimized the maintenance and maximized the durability of the Project?

Construction Plan

III.1. How well has the Proposer described the construction means and methods and how logical are these for the project?
III.2. How well has the Proposer described the construction means and methods for the foundation, substructures, and superstructures for the Coldwater River and how logical are these?
III.3. How well do the Proposer's construction means and methods minimize the impacts to the natural environment, especially the Coldwater River Crossing?
III.4. How well do the Proposer's means and methods of clearing and debris removal minimize the impacts to the natural environment at the Coldwater River? (See Notice to Proposers #6004-DB.)
III.5. How well has the Proposer presented innovative construction solutions and how effective could the innovations be?

Management Approach

IV.1. How well is the overall Project Management Plan described and how effective will it be?
IV.2. How well does the Proposer identify major risks and how logical is the plan to manage those risks?
IV.3. How well does the Proposer demonstrate a plan to manage document control and how effective is that plan?
IV.4. How well does the Proposer describe the week to week management of the Project and how responsive will the team members be to MDOT?

Quality Management Plan

V.1. How well did the Proposer define any project controls and how effective will these controls be?
V.2. How well did the Proposer describe how they will monitor for conformance to the plans and material testing and how effective will it be?
V.3. How effectively will non-conformance aspects of the Project be handled?

Schedule

VI.1. How well does the Proposer clearly describe the plan for delivery of the Work within the prescribed summary schedule and preliminary construction work plan and how logical are these?

The individual Technical Score by each reviewer will be the summation of the Technical Scores achieved for each of the above selection criteria. The Proposer's total Technical Score (maximum of 100 points) will be the summation of the individual Technical Scores from each reviewer divided by the number of reviewers.

SELECTION OF CONTRACTOR

The Proposal Review Committee will score the Proposals according to the evaluation criteria. Upon approval of MDOT Executive Director and immediately prior to the opening of Volume 2, MDOT will notify each Proposer of all Technical Scores. MDOT will then publicly open each of the Contract Price Proposals, all in accordance with the Milestone Schedule.

The Best Value Proposal shall be determined by the following formula:

Best Value Proposal = (Part A + Part B) – [17,000,000 x (Technical Score/100)]

Where:

Part A = Contract Price Proposal.

Part B = (Number of calendar days from the Notice to Proceed up to and including Final Completion set forth by the Proposer) x $6,000.

In the event of a tie for the Best Value Proposal as determined by the above formula, the Proposer with the lowest Contract Price Proposal will be selected.

The Commission intends to award and offer a Contract to the Proposer submitting the Best Value Proposal with the lowest score as determined above. However, if the parties are unable to execute a contract, MDOT may offer a contract to the Proposer that submitted the Best Value Proposal with the next lowest score, and so on, until an agreement is reached.

IX. GENERAL INFORMATION

The Commission reserves the right to terminate evaluation of one or more of the Proposals if it is determined to be in its best interest.

The Commission reserves the right, at its sole discretion, to proceed no further with this RFP process, and/or to re-advertise in another public solicitation.

The Commission reserves the right to reject any and all Proposals and/or to discontinue contract execution with any party at any time prior to final contract execution.

The Commission reserves the right to request or obtain additional information about any and all Proposals.
Except for the stipend defined in Section II, the Commission assumes no liability and will not reimburse cost incurred by firms, whether selected or not, in developing Proposals or in contract execution.

After award, in order to secure MDOT approval, the procedures as defined in the Technical Requirements Section 2.4 shall be followed.

The Best Value Proposer shall submit an additional 20 sets of Volume #1 Proposals within 10 days after contract award.

The successful Proposer will be required to furnish a Section 903 Performance and Payment Bond, Certificates of Insurance and W9 no later than 10 days after Contract Award.

All debriefing requests shall be submitted by e-mail to the attention of Mr. Scot Ehrgott, P.E. at sehrgott@mdot.ms.gov within two (2) weeks of the Commission approval of Award. The debriefing shall be limited to the merits of the individual Proposer's response to the RFP.

X. MILESTONE SCHEDULE

• Issue RFP for selected Proposers	January 21, 2013
• Mandatory Pre-Proposal Meeting	February 6, 2013 10 AM Central Time
• Deadline for Proposers to submit written questions or ATCs	April 19, 2013 4 PM Central Time
• Target Date for MDOT to post to website last responses to written questions, to issue Addenda, and to respond to ATCs	April 26, 2013
• Submittal of Technical Proposals (Volume 1)	May 10, 2013 10 AM Central Time
• Page-turn meetings	June 10-12, 2013 (Anticipated)
• Submittal of Contract Price Proposals (Volume 2)	June 28, 2013 10 AM Central Time
• Notification of Award	July 9, 2013 (Anticipated)
• Notice to Proceed	July 19, 2013 (Anticipated)
• Target Project Completion Date	September 19, 2015 (Approximate Date)

Exhibit 2
PROJECT SCHEDULE OF VALUES

		Item Description	Quantity	Unit	Unit Price	Amount	% of Contract	Description of Scope
Project Management, Adminsitration, Office Moblization								
1		PROJET ADMINSTRATION - CONSTRUCTION		LS		$1.00	100.00%	
2		PROJECT ADMINSTRATION - DESIGN		LS		$0.00	0.00%	
3		PROJECT OFFICE		LS		$0.00	0.00%	
4		FEES AND PERMITS		LS		$0.00	0.00%	
5		INSURANCE		LS		$0.00	0.00%	
6		SAFETY		LS		$0.00	0.00%	
7		BOND		LS		$0.00	0.00%	
8		ADD ITEM		LS		$0.00	0.00%	
9		ADD ITEM		LS		$0.00	0.00%	
10	SUBTOTAL - Management					$1.00	100.00%	
Quality Control								
11		QUALITY CONTROL MANAGEMENT		LS		$0.00	0.00%	
12		LABORATORY FEES		LS		$0.00	0.00%	
13		TESTING AND INSPECTION		LS		$0.00	0.00%	
14		FIELD LABORATORY		EA		$0.00	0.00%	
15		ADD ITEM				$0.00	0.00%	
16		ADD ITEM				$0.00	0.00%	
17		ADD ITEM				$0.00	0.00%	
18	SUBTOTAL- Quality Management					$0.00	0.00%	
Engineering and Design Services								
19		SURVEY FOR DESIGN		LS		$0.00	0.00%	
20		RIGHT OF WAY		LS		$0.00	0.00%	
21		GEOTECHNICAL		LS		$0.00	0.00%	
22		EROSION CONTROL/STORMWATER		LS		$0.00	0.00%	
23		WATER QUALITY MONITORING		LS		$0.00	0.00%	
24		UTILITIES		LS		$0.00	0.00%	
25		ROADWAY		LS		$0.00	0.00%	
26		DRAINAGE		LS		$0.00	0.00%	
27		TRAFFIC		LS		$0.00	0.00%	
28		MAINTENANCE OF TRAFFIC		LS		$0.00	0.00%	
29		STRUCTURES		LS		$0.00	0.00%	
30		DESIGN SERVICES DURING CONSTRUCTION		LS		$0.00	0.00%	
31		ADD ITEM				$0.00	0.00%	
32		ADD ITEM				$0.00	0.00%	
33	SUBTOTAL - Design					$0.00	0.00%	
Construction Services - Roadway								
34	201-A001	CLEARING AND GRUBBING		LS		$0.00	0.00%	
35	201-B001	CLEARING AND GRUBBING		ACRE		$0.00	0.00%	
36	202-A001	REMOVAL OF OBSTRUCTIONS		LS		$0.00	0.00%	
37	202-B002	REMOVAL OF ASPHALT DRIVEWAYS, ALL DEPTHS		SY		$0.00	0.00%	
38	202-B005	REMOVAL OF ASPHALT PAVEMENT, ALL DEPTHS		SY		$0.00	0.00%	
39	202-B018	REMOVAL OF CONCRETE DRIVEWAYS, ALL DEPTHS		SY		$0.00	0.00%	
40	202-B035	REMOVAL OF CONCRETE SIDEWALK		SY		$0.00	0.00%	
41	202-B064	REMOVAL OF PIPE, 8" AND ABOVE		LF		$0.00	0.00%	
42	202-B076	REMOVAL OF TRAFFIC STRIPE		LF		$0.00	0.00%	
43	203-A003	UNCLASSIFIED EXCAVATION, FM, AH		CY		$0.00	0.00%	
44	203-EX017	BORROW EXCAVATION, AH, FME, CLASS B9		CY		$0.00	0.00%	
45	203-EX035	BORROW EXCAVATION, AH, FME, CLASS B9-6		CY		$0.00	0.00%	

Exhibit 2
PROJECT SCHEDULE OF VALUES

		Item Description	Quantity	Unit	Unit Price	Amount	% of Contract	Description of Scope
46	203-G003	EXCESS EXCAVATION, FM, AH		CY		$0.00	0.00%	
47	206-A001	STRUCTURE EXCAVATION		CY		$0.00	0.00%	
48	206-B001	SELECT MATERIAL FOR UNDERCUTS, CONTRACTOR FURNISHED, FM		CY		$0.00	0.00%	
49	209-A004	GEOTEXTILE STABILIZATION, TYPE V, NON-WOVEN		SY		$0.00	0.00%	
50	211-B001	TOPSOIL FOR SLOPE TREATMENT, CONTRACTOR FURNISHED		CY		$0.00	0.00%	
51	907-304-B009	GRANULAR MATERIAL, CLASS 3, GROUP D		TON		$0.00	0.00%	
52	907-304-C008	GRANULAR MATERIAL, AEA, CLASS 9, GROUP B		CY		$0.00	0.00%	
53	907-304-F002	SIZE 610 CRUSHED STONE BASE		TON		$0.00	0.00%	
54	907-308-A001	PORTLAND CEMENT		TON		$0.00	0.00%	
55	907-308-B001	SOIL-CEMENT-WATER MIXING, OPTIONAL MIXERS, BASE		SY		$0.00	0.00%	
56	907-308-S001	BITUMINOUS CURING SEAL		GAL		$0.00	0.00%	
57	907-310-B001	SIZE III STABILIZER AGGREGATE, COARSE		TON		$0.00	0.00%	
58	907-311-A003	PROCESSING LIME AND FLY ASH TREATED COURSE, 6" THICK		SY		$0.00	0.00%	
59	907-311-B001	LIME		TON		$0.00	0.00%	
60	907-311-C001	FLY ASH, CLASS C		TON		$0.00	0.00%	
61	907-311-S001	BITUMINOUS CURING SEAL		GAL		$0.00	0.00%	
62	907-403-A010	HOT MIX ASPHALT, MT, 9.5-mm MIXTURE		TON		$0.00	0.00%	
63	907-403-M006	WARM MIX ASPHALT, MT, 9.5-mm MIXTURE		TON		$0.00	0.00%	
64	907-403-A011	HOT MIX ASPHALT, ST, 12.5-mm MIXTURE		TON		$0.00	0.00%	
65	907-403-M003	WARM MIX ASPHALT, ST, 12.5-mm MIXTURE		TON		$0.00	0.00%	
66	907-403-A006	HOT MIX ASPHALT, MT, 12.5-mm MIXTURE		TON		$0.00	0.00%	
67	907-403-M002	WARM MIX ASPHALT, MT, 12.5-mm MIXTURE		TON		$0.00	0.00%	
68	907-403-A012	HOT MIX ASPHALT, ST,19-mm MIXTURE		TON		$0.00	0.00%	
69	907-403-M004	WARM MIX ASPHALT, ST, 19-mm MIXTURE		TON		$0.00	0.00%	
70	907-403-B008	HOT MIX ASPHALT, ST,19-mm MIXTURE, LEVELING		TON		$0.00	0.00%	
71	907-403-N003	WARM MIX ASPHALT, ST, 19-mm MIXTURE, LEVELING		TON		$0.00	0.00%	
72	907-403-A007	HOT MIX ASPHALT, MT,19-mm MIXTURE		TON		$0.00	0.00%	
73	907-403-M007	WARM MIX ASPHALT, MT, 19-mm MIXTURE		TON		$0.00	0.00%	
74	406-A001	COLD MILLING OF BITUMINOUS PAVEMENT, ALL DEPTHS		SY		$0.00	0.00%	
75	907-407-A001	ASPHALT FOR TACK COAT		GAL		$0.00	0.00%	
76	907-413-E001	SAWING AND SEALING TRANSVERSE JOINTS IN ASPHALT PAVEMENT		LF		$0.00	0.00%	
77	423-A001	RUMBLE STRIPS, GROUND IN		MI		$0.00	0.00%	
78	501-E001	EXPANSION JOINTS, WITHOUT DOWELS		LF		$0.00	0.00%	
79	502-A001	REINFORCED CEMENT CONCRETE BRIDGE END PAVEMENT		SY		$0.00	0.00%	
80	606-A001	GUARD POSTS		EA		$0.00	0.00%	
81	606-B001	GUARD RAIL, CLASS A, TYPE 1		LF		$0.00	0.00%	
82	606-D012	GUARD RAIL, BRIDGE END SECTION, TYPE I		EA		$0.00	0.00%	68
83	606-E002	GUARD RAIL, TERMINAL END SECTION, FLARED		EA		$0.00	0.00%	69
84	607-A002	60" TYPE "A" WOVEN WIRE FENCE, W/ BARBED WIRE AS SHOWN		LF		$0.00	0.00%	70
85	607-B005	60" TYPE I CHAIN LINK FENCE, CLASS II		LF		$0.00	0.00%	71
86	607-E001	BARBED WIRE FENCE, SINGLE STRAND		LF		$0.00	0.00%	72
87	607-G001	GATE, 12' X 52" ALUMINUM		EA		$0.00	0.00%	73
88	607-G119	GATE, 3' X 52" CHAIN LINK		EA		$0.00	0.00%	74
89	607-P1002	LINE POST, 10' X 4" TIMBER		EA		$0.00	0.00%	75
90	607-P1007	LINE POST, 7' X 1 1/2" GALVANIZED STEEL		EA		$0.00	0.00%	76
91	607-P1019	LINE POST, 14' X 2 1/2" GALVANIZED STEEL		EA		$0.00	0.00%	77
92	607-P1020	LINE POST, 7' X 4" TIMBER		EA		$0.00	0.00%	78
93	607-P1021	LINE POST, 9' X 4" TIMBER		EA		$0.00	0.00%	79
94	607-P1025	LINE POST, 10' X 1 1/2" GALVANIZED STEEL		EA		$0.00	0.00%	80
95	607-P1026	LINE POST, 9' X 1 1/2" GALVANIZED STEEL		EA		$0.00	0.00%	81
96	607-P2001	BRACE POST, 8' X 6" TIMBER		EA		$0.00	0.00%	82
97	607-P2002	BRACE POST, 10' X 6" TIMBER		EA		$0.00	0.00%	83
98	607-P2003	BRACE POST, 12' X 6" TIMBER		EA		$0.00	0.00%	

Exhibit 2
PROJECT SCHEDULE OF VALUES

		Item Description	Quantity	Unit	Unit Price	Amount	% of Contract	Description of Scope
99	607-P2017	BRACE POST, 5' X 2 1/2" GALVANIZED STEEL		EA		$0.00	0.00%	
100	607-P2019	BRACE POST, 10' X 2" GALVANIZED STEEL		EA		$0.00	0.00%	
101	607-P2022	BRACE POST, 12' X 2" GALVANIZED STEEL		EA		$0.00	0.00%	
102	607-P2023	BRACE POST, 8' X 2" GALVANIZED STEEL		EA		$0.00	0.00%	
103	607-P3003	GATE POST, 8' X 2 1/2" GALVANIZED STEEL		EA		$0.00	0.00%	
104	607-P3019	GATE POST, 8' X 3 1/2" GALVANIZED STEEL		EA		$0.00	0.00%	
105	607-Z001	CONCRETE ANCHORS		EA		$0.00	0.00%	
106	614-B001	CONCRETE DRIVEWAY, WITHOUT REINFORCEMENT		SY		$0.00	0.00%	
107	615-A019	CONCRETE BRIDGE END BARRIER,43.5"		LF		$0.00	0.00%	
108	907-617-A001	RIGHT-OF-WAY MARKER		EA		$0.00	0.00%	
109	618-A001	MAINTENANCE OF TRAFFIC		LS		$0.00	0.00%	
110	620-A001	MOBILIZATION		LS		$0.00	0.00%	
111	907-622-A001	ENGINEER'S FIELD OFFICE BUILDING, TYPE 3		EA		$0.00	0.00%	
112		ADD ITEM				$0.00	0.00%	
113		ADD ITEM				$0.00	0.00%	
114	SUBTOTAL - Roadway					$0.00	0.00%	
Construction Services - Water Quality								
115	212-B001	STANDARD GROUND PREPARATION		SY		$0.00	0.00%	
116	213-B001	COMBINATION FERTLIZER, 13-13-13		TON		$0.00	0.00%	
117	213-C001	SUPERPHOSPHATE		TON		$0.00	0.00%	
118	216-A001	SOLID SODDING		SY		$0.00	0.00%	
119	217-A001	DITCH LINER		SY		$0.00	0.00%	
120	219-A001	WATERING		KGAL		$0.00	0.00%	
121	220-A001	INSECT PEST CONTROL		ACRE		$0.00	0.00%	
122	221-A001	PORTLAND CEMENT CONCRETE PAVED DITCH		CY		$0.00	0.00%	
123	223-A001	MOWING		ACRE		$0.00	0.00%	
124	224-A001	SOIL REINFORCING MAT		SY		$0.00	0.00%	
125	907-225-A001	GRASSING		ACRE		$0.00	0.00%	
126	907-225-B001	AGRICULTURAL LIMESTONE		TON		$0.00	0.00%	
127	907-225-C001	MULCH, VEGETATIVE MULCH		TON		$0.00	0.00%	
128	907-226-A001	TEMPORARY GRASSING		ACRE		$0.00	0.00%	
129	234-A001	TEMPORARY SILT FENCE		LF		$0.00	0.00%	
130	907-234-D001	INLET SILTATION GUARD		EA		$0.00	0.00%	
131	907-234-E001	RESET INLET SILTATION GUARD		EA		$0.00	0.00%	
132	907-234-F001	TURBIDITY BARRIER		LF		$0.00	0.00%	
133	235-A001	TEMPORARY EROSION CHECKS		BALE		$0.00	0.00%	
134	236-A004	SILT BASIN, TYPE D		EA		$0.00	0.00%	
135	236-B004	MAINTENANCE AND REMOVAL OF EXISTING SILT BASINS, TYPE D		EA		$0.00	0.00%	
136	907-237-A002	WATTLES, 12"		LF		$0.00	0.00%	
137	907-237-A003	WATTLES, 20"		LF		$0.00	0.00%	
138	239-A001	TEMPORARY SLOPE DRAINS		LF		$0.00	0.00%	
139	907-245-A001	TRIANGULAR SILT DIKE		LF		$0.00	0.00%	
140	907-246-A001	SANDBAGS		LF		$0.00	0.00%	
141	907-247-A001	TEMPORARY STREAM DIVERSION		EA		$0.00	0.00%	
142	907-249-B001	REMOVE AND RESET RIPRAP		CY		$0.00	0.00%	
143	815-F002	SEDIMENT CONTROL STONE		TON		$0.00	0.00%	
144		ADD ITEM				$0.00	0.00%	
145		ADD ITEM				$0.00	0.00%	

Exhibit 2
PROJECT SCHEDULE OF VALUES

		Item Description	Quantity	Unit	Unit Price	Amount	% of Contract	Description of Scope
146	SUBTOTAL - Water Quality					$0.00	0.00%	
Construction Services - Traffic								
147	619-A1001	TEMPORARY TRAFFIC STRIPE, CONTINUOUS WHITE		LF		$0.00	0.00%	
148	619-A1007	TEMPORARY TRAFFIC STRIPE, CONTINUOUS WHITE, TYPE 1		LF		$0.00	0.00%	
149	619-A2001	TEMPORARY TRAFFIC STRIPE, CONTINUOUS YELLOW		LF		$0.00	0.00%	
150	619-A2007	TEMPORARY TRAFFIC STRIPE, CONTINUOUS YELLOW, TYPE 1 TAPE		LF		$0.00	0.00%	
151	619-A4001	TEMPORARY TRAFFIC STRIPE, SKIP YELLOW		LF		$0.00	0.00%	
152	619-C7001	TWO-WAY YELLOW REFLECTIVE HIGH PERFORMANCE RAISED MARKER		EA		$0.00	0.00%	
153	619-D1001	STANDARD ROADSIDE CONSTRUCTION SIGNS, LESS THAN 10 SQUARE FEET		SF		$0.00	0.00%	
154	619-D2001	STANDARD ROADSIDE CONSTRUCTION SIGNS, 10 SQUARE FEET OR MORE		SF		$0.00	0.00%	
155	619-F1001	CONCRETE MEDIAN BARRIER, PRECAST		LF		$0.00	0.00%	
156	619-F2001	REMOVE AND RESET CONCRETE MEDIAN BARRIER, PRECAST		LF		$0.00	0.00%	
157	619-G4001	BARRICADES, TYPE III, SINGLE FACED		LF		$0.00	0.00%	
158	619-G4004	BARRICADES, TYPE III, SINGLE FACED, PERMANENT, RED/WHITE		LF		$0.00	0.00%	
159	619-G4006	BARRICADES, TYPE III, DOUBLE FACED, PERMANENT, RED/WHITE		LF		$0.00	0.00%	
160	619-G5001	FREE STANDING PLASTIC DRUMS		EA		$0.00	0.00%	
161	619-G7001	WARNING LIGHTS, TYPE "B"		EA		$0.00	0.00%	
162	907-626-C008	6" THERMOPLASTIC EDGE STRIPE, CONTINUOUS WHITE 90-MIL MIN		LF		$0.00	0.00%	
163	907-626-E003	6" THERMOPLASTIC TRAFFIC STRIPE, CONTINUOUS YELLOW		LF		$0.00	0.00%	
164	907-626-G004	THERMOPLASTIC DETAIL STRIPE, WHITE		LF		$0.00	0.00%	
165	907-626-G005	THERMOPLASTIC DETAIL STRIPE, YELLOW		LF		$0.00	0.00%	
166	907-626-H004	THERMOPLASTIC LEGEND, WHITE		LF		$0.00	0.00%	
167	907-626-J003	6" INVERTED PROFILE THERMOPLASTIC TRAFFIC STRIPE, CONTINUOUS WHITE		LF		$0.00	0.00%	
168	907-626-LL001	6" INVERTED PROFILE THERMOPLASTIC TRAFFIC STRIPE, HIGH CONTRAST, CONTINUOUS YELLOW		LF		$0.00	0.00%	
169	907-626-M002	INVERTED PROFILE THERMOPLASTIC DETAIL TRAFFIC STRIPE, YELLOW		LF		$0.00	0.00%	
170	627-L001	TWO-WAY YELLOW REFLECTIVE HIGH PERFORMANCE RAISED MARKER		EA		$0.00	0.00%	
171	628-J002	6" HIGH PERFORMANCE COLD PLASTIC TRAFFIC STRIPE, CONTINUOUS WHITE		LF		$0.00	0.00%	
172	907-628-M005	6" HIGH PERFORMANCE COLD PLASTIC TRAFFIC STRIPE, CONTINUOUS YELLOW, HIGH CONTRAST		LF		$0.00	0.00%	
173	628-O002	HIGH PERFORMANCE COLD PLASTIC DETAIL TRAFFIC STRIPE, YELLOW		LF		$0.00	0.00%	
174	630-A001	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS		SF		$0.00	0.00%	
175	630-A002	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.125" THICKNESS		SF		$0.00	0.00%	
176	630-C003	STEEL U-SECTION POSTS, 3.0 LB/FT		LF		$0.00	0.00%	
177	630-F001	DELINEATORS, GUARD RAIL, WHITE		EA		$0.00	0.00%	
178	630-G002	TYPE 3 OBJECT MARKERS, OM-3R OR OM-3L, POST MOUNTED		EA		$0.00	0.00%	
179	907-631-B001	FLOWABLE FILL, NON-EXCAVATABLE		CY		$0.00	0.00%	
180		ADD ITEM				$0.00	0.00%	
181		ADD ITEM				$0.00	0.00%	
182		ADD ITEM				$0.00	0.00%	
183	SUBTOTAL - Traffic					$0.00	0.00%	
Construction Services - Structures MDOT Signed and Sealed Plans								
184	501-K001	TRANSVERSE GROOVING		SY		$0.00	0.00%	
185	801-A001	FOUNDATION EXCAVATION FOR BRIDGES		CY		$0.00	0.00%	
186	803-B001	CONVENTIONAL STATIC PILE LOAD TEST		EA		$0.00	0.00%	
187	803-I001	PDA TEST PILE		EA		$0.00	0.00%	
188	803-J001	PILE RESTRIKE		EA		$0.00	0.00%	
189	803-C004	18" X 18" PRESTRESSED CONCRETE PILING		LF		$0.00	0.00%	
190	803-D007	HP 14 X 89 STEEL PILING		LF		$0.00	0.00%	
191	907-804-A001	BRIDGE CONCRETE, CLASS AA		CY		$0.00	0.00%	
192	907-804-C164	65' PRESTRESSED CONCRETE BEAM, TYPE IV		LF		$0.00	0.00%	
193	907-804-C147	70' PRESTRESSED CONCRETE BEAM, TYPE IV		LF		$0.00	0.00%	
194	907-804-C236	78' PRESTRESSED CONCRETE BEAM, TYPE IV		LF		$0.00	0.00%	

Exhibit 2
PROJECT SCHEDULE OF VALUES

		Item Description	Quantity	Unit	Unit Price	Amount	% of Contract	Description of Scope
195	907-804-C242	81' PRESTRESSED CONCRETE BEAM, TYPE IV		LF		$0.00	0.00%	
196	907-804-C026	90' PRESTRESSED CONCRETE BEAM, TYPE IV		LF		$0.00	0.00%	
197	907-804-C167	105' PRESTRESSED CONCRETE BEAM, TYPE IV		LF		$0.00	0.00%	
198	907-804-C150	110' PRESTRESSED CONCRETE BEAM, TYPE IV		LF		$0.00	0.00%	
199	907-804-C243	71' PRESTRESSED CONCRETE BEAM, TYPE BT-72		LF		$0.00	0.00%	
200	907-804-C244	78' PRESTRESSED CONCRETE BEAM, TYPE BT-72		LF		$0.00	0.00%	
201	907-804-C245	88' PRESTRESSED CONCRETE BEAM, TYPE BT-72		LF		$0.00	0.00%	
202	907-804-C246	92' PRESTRESSED CONCRETE BEAM, TYPE BT-72		LF		$0.00	0.00%	
203	907-804-C223	117' PRESTRESSED CONCRETE BEAM, TYPE BT-72		LF		$0.00	0.00%	
204	907-804-C247	133' PRESTRESSED CONCRETE BEAM, TYPE BT-72		LF		$0.00	0.00%	
205	805-A001	REINFORCEMENT		LBS		$0.00	0.00%	
206	813-A002	CONCRETE RAILING, 32"		LF		$0.00	0.00%	
207	813-A003	CONCRETE RAILING, 42"		LF		$0.00	0.00%	
208	815-A006	LOOSE RIPRAP, SIZE 100		TON		$0.00	0.00%	
209	815-A009	LOOSE RIPRAP, SIZE 300		TON		$0.00	0.00%	
210	815-D001	CONCRETE SLOPE PAVING		CY		$0.00	0.00%	
211	815-E001	GEOTEXTILE UNDER RIPRAP		SY		$0.00	0.00%	
212		ADD ITEM				$0.00	0.00%	
213		ADD ITEM				$0.00	0.00%	
214		ADD ITEM				$0.00	0.00%	
215	SUBTOTAL - Structures					$0.00	0.00%	
Construction Services - Drainage								
216	907-601-A001	CLASS "B" STRUCTURAL CONCRETE		CY		$0.00	0.00%	
217	907-601-B003	CLASS "B" STRUCTURAL CONCRETE, MINOR STRUCTURES, PER PLANS		CY		$0.00	0.00%	
218	602-A001	REINFORCING STEEL		LBS		$0.00	0.00%	
219	907-603-ALT01	18" TYPE A ALTERNATE PIPE		LF		$0.00	0.00%	
220	907-603-ALT02	24" TYPE A ALTERNATE PIPE		LF		$0.00	0.00%	
221	907-603-ALT03	30" TYPE A ALTERNATE PIPE		LF		$0.00	0.00%	
222	603-CA002	18" REINFORCED CONCRETE PIPE, CLASS III		LF		$0.00	0.00%	
223	603-CA003	24" REINFORCED CONCRETE PIPE, CLASS III		LF		$0.00	0.00%	
224	603-CA004	30" REINFORCED CONCRETE PIPE, CLASS III		LF		$0.00	0.00%	
225	603-CA005	36" REINFORCED CONCRETE PIPE, CLASS III		LF		$0.00	0.00%	
226	603-CA006	42" REINFORCED CONCRETE PIPE, CLASS III		LF		$0.00	0.00%	
227	603-CA010	66" REINFORCED CONCRETE PIPE, CLASS III		LF		$0.00	0.00%	
228	603-CA014	18" REINFORCED CONCRETE PIPE, CLASS IV		LF		$0.00	0.00%	
229	603-CA015	24" REINFORCED CONCRETE PIPE, CLASS IV		LF		$0.00	0.00%	
230	603-CA020	54" REINFORCED CONCRETE PIPE, CLASS IV		LF		$0.00	0.00%	
231	603-CA026	18" REINFORCED CONCRETE PIPE, CLASS V		LF		$0.00	0.00%	
232	603-CA027	24" REINFORCED CONCRETE PIPE, CLASS V		LF		$0.00	0.00%	
233	603-CA029	36" REINFORCED CONCRETE PIPE, CLASS V		LF		$0.00	0.00%	
234	603-CA032	54" REINFORCED CONCRETE PIPE, CLASS V		LF		$0.00	0.00%	
235	603-CB001	18" REINFORCED CONCRETE END SECTION		EA		$0.00	0.00%	
236	603-CB002	24" REINFORCED CONCRETE END SECTION		EA		$0.00	0.00%	
237	603-CB003	30" REINFORCED CONCRETE END SECTION		EA		$0.00	0.00%	
238	603-CB004	36" REINFORCED CONCRETE END SECTION		EA		$0.00	0.00%	
239	603-CB005	42" REINFORCED CONCRETE END SECTION		EA		$0.00	0.00%	
240	603-CB007	54" REINFORCED CONCRETE END SECTION		EA		$0.00	0.00%	
241	603-CB009	66" REINFORCED CONCRETE END SECTION		EA		$0.00	0.00%	
242	603-CE003	36" X 23" CONCRETE ARCH PIPE, CLASS A III		LF		$0.00	0.00%	
243	603-CF003	36" X 23" CONCRETE ARCH PIPE END SECTION		EA		$0.00	0.00%	
244	604-B001	GRATINGS		LBS		$0.00	0.00%	
245	605-AA003	GEOTEXTILE FOR SUBSURFACE DRAINAGE, TYPE III		SY		$0.00	0.00%	

Exhibit 2
PROJECT SCHEDULE OF VALUES

		Item Description	Quantity	Unit	Unit Price	Amount	% of Contract	Description of Scope
246	907-605-O002	6" PERFORATED SEWER PIPE FOR UNDERDRAINS, SDR 35		LF		$0.00	0.00%	
247	907-605-P002	6" NON-PERFORATED SEWER PIPE FOR UNDERDRAINS, SDR 35		LF		$0.00	0.00%	
248	605-W001	FILTER MATERIAL FOR COMBINATION STORM DRAIN AND/OR UNDERDRAINS, TYPE A, FM		CY		$0.00	0.00%	
249	605-W002	FILTER MATERIAL FOR COMBINATION STORM DRAIN AND/OR UNDERDRAINS, TYPE B, FM		CY		$0.00	0.00%	
250		ADD ITEM				$0.00	0.00%	
251		ADD ITEM				$0.00	0.00%	
252		ADD ITEM				$0.00	0.00%	
253		ADD ITEM				$0.00	0.00%	
254	SUBTOTAL - Drainage					$0.00	0.00%	
Construction Services - Coldwater River								
255						$0.00	0.00%	
256						$0.00	0.00%	
257	501-K001	TRANSVERSE GROOVING		SY		$0.00	0.00%	
258	803-I001	PDA TEST PILE		EA		$0.00	0.00%	
259		ADD ITEM				$0.00	0.00%	
260	907-804-A001	BRIDGE CONCRETE, CLASS AA		CY		$0.00	0.00%	
261		ADD ITEM				$0.00	0.00%	
262	805-A001	REINFORCEMENT		LBS		$0.00	0.00%	
263	813-A002	CONCRETE RAILING, 32"		LF		$0.00	0.00%	
264	813-A002	CONCRETE RAILING, 42"		LF		$0.00	0.00%	
265		ADD ITEM				$0.00	0.00%	
266	815-A004	LOOSE RIPRAP, SIZE 300		TON		$0.00	0.00%	
267	815-E001	GEOTEXTILE UNDER RIPRAP		SY		$0.00	0.00%	
268						$0.00	0.00%	
269						$0.00	0.00%	
270						$0.00	0.00%	
271	SUBTOTAL - Structures					$0.00	0.00%	
BASE PROJECT TOTAL						$1.00	100.00%	
TOTAL CONTENGENCY						$0.00		
FEE						$0.00		
FIXED CONTRACT PRICE						$1.00		

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Inter-Departmental Memorandum

TO: UTILITY LIAISON SUPERVISOR
Mr. John Murray

DATE: April 25, 2013

FROM: Kelly W. Standard
District 2 Utility Coordinator

SUBJECT OR PROJECT NO: STP-0029-03(009)
102556/304000

INFORMATION COPY TO: File
Project Engineer (12-16)
Payne (73-01)
Russell (84-01)

COUNTY: Marshall

UTILITY STATUS REPORT

Let Date: June 25, 2013
Notice to Proceed: August 8, 2013
Grade, Drain, 4 Lane I-269/SR 304 from north of SR 178 to south of SR 302

CenturyLink
Utility Agreement is not approved. Completion of telephone cable relocation for the entire project could be as late as December 31, 2013.
Contractor's operations should not be adversely affected.

Comcast
Utility Agreement is not approved. Completion of video cable relocation depends upon pole relocations performed by Northcentral EPA. Some old cable could remain in place for the next 12 months.
Contractor's operations should not be adversely affected.

Centennial (Marathon) Pipeline
Utility Agreement is approved. The 26" petroleum pipeline has been adjusted.
Contractor's operations should not be adversely affected.

Trunkline Gas Company, LLC
Utility Agreement is approved. The 36" and 30" natural gas lines are being adjusted and the work should be complete by June 1, 2013.
Contractor's operations should not be adversely affected.

Town of Byhalia
Utility Agreement is approved. Work has begun on relocation of the town's water, gas and sewer lines. All relocations are finished except for a small area in the southwest corner of the I-269 & SR 309 Interchange. The problem is regarding a private

easement and the Town of Byhalia and the property owners attorney are working on a solution. We expect all work to conclude by July 1, 2013. Contractor's operations should not be adversely affected.

Northcentral Electric Power Association
Utility Agreement is submitted for MTC approval. The Utility Agreement should be approved on May 14th and work will begin immediately. Some areas can be finished but some areas are still closed due to easement issues. Northcentral is working with the property owners concerning the easements but it could be 12 months before all the problem areas are finalized.
Contractor's operations should not be adversely affected.

Marshall County Water Association
Utility Agreement is approved. All water distribution lines and facilities have been relocated.
Contractor's operations should not be adversely affected.

Tennessee Valley Authority
Utility Agreement is approved. All electrical transmission facilities are adjusted.
Contractor's operations should not be adversely affected.

Shell Pipeline
Utility Agreement is approved. The pipeline crossings are finished and Shell is working on final site cleanup.
Contractor's operations should not be adversely affected.

All prospective bidders should be aware that some precautions will need to be taken before crossing the three pipeline company easements with construction equipment. This may require building a temporary crossing using some type of stone or timber mats. The specific details can be worked out at the pre-construction meeting.

This is to certify that all necessary arrangements have been made for all utility work involved be undertaking and completing.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO PROPOSERS NO. 3871 DB CODE: (SP)

DATE: 04/26/13

SUBJECT: Construction Access

Proposers are hereby advised that MDOT has provided construction access to the project via SR 304/I-269 and the SR 302 and SR 309 Interchanges. The Contractor shall be responsible for obtaining permission from local officials for construction traffic to access the project from local roads. MDOT will not be held liable for any damage to any local road.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO PROPOSERS NO. 3872 DB CODE: (SP)

DATE: 04/26/13

SUBJECT: Cooperation Between Contractors

The Proposer's attention is hereby directed to Special Provision No.907-105 DB, Subsection 105.07, Cooperation Between Contractors, of the Request for Proposers.

The Proposer is advised that MDOT has current and future projects that adjoin this project, including but may not be limited to, these as follows:

Current Projects:

STP-0029-03(010)/102556305 (SR 304/I-269 From SR 302 to Tn. St. Line, including Interchange)

STP-0029-03(013)/102556315 (SR 304/I-269 From Sta. 835+00 to East of Mason Road)

Future Project(s):

STP-0029-03(011)/102556308 (SR 304/I-269 From SR 302 to Tn. St. Line, including Interchange)

the Commission to reject any Proposal shall not be cause for any liability or damage against the Commission, the Department, any of its officers, duly appointed representatives or employees.

907-102.08--Proposal Guaranty. No Volume 2 Proposal will be considered unless accompanied by certified check, cashier's check or bond, made payable to the State of Mississippi, in an amount of not less than five percent of the total amount of the Proposal offered. Proposal bond shall not be conditioned in any way to modify the minimum five percent (5%) required. Proposals that fail to include a Proposal Guaranty shall be deemed nonresponsive and will be rejected by MDOT. The guaranty shall be evidence of good faith that, if awarded the Contract, the Proposer will execute the Contract and give Contract bond as stipulated in Subsection 907-103.05 and as required by law. The Proposal Guaranty amount should not include the dollar amount determined for the Contract Time (Part B).

If a bond is offered as guaranty, the bond must be on a form approved by the Executive Director, made by a Surety acceptable to the Executive Director and signed or countersigned by a Mississippi agent or qualified nonresident agent and the Proposer. Such bid bond shall also conform to the requirements and conditions stipulated in Subsection 907-103.05.2 as applicable.

907-102.08.1--Bonding. The successful Proposer shall provide MDOT with the following bond within ten (10) calendar days of being awarded the Project:

(a) A Performance Bond, or bonds in a sum equal to the full amount of the Contract. In the event of award of a joint Proposal, each individual, partnership, firm or corporation shall assume jointly the full obligations under the Contract and Contract bond. The form of the bond(s) shall be that provided by or acceptable to the Department. The bond(s) shall be negotiated for, procured from and the premium paid to a qualified Mississippi agent or qualified nonresident agent of the Surety. The bond shall be signed or countersigned by a Mississippi agent or qualified nonresident agent and also bear the signature of an "attorney-in-fact" of the surety. Reference is made to Section 31-5-51 *et seq* of the Mississippi Code of 1972, Annotated, and other State statutes applicable thereto.
(b) Prior to the maintenance release, the Contractor should be prepared to provide a warranty bond acceptable to MDOT in the amount of 5 percent of the Contract Price to cover warranty obligations of the Contract. The warranty bond(s) will cover a minimum period of two (2) years subsequent to the date of the successful completion of release of maintenance.

Bond(s) must be issued by a Surety with the Best's rating of at least (A-) or better and Financial Size Category of VIII or better by A.M. Best Co. The Surety shall be registered with the Mississippi State Insurance Commissioner.

907-102.09--Delivery of Proposals. Unless otherwise specified, Volume 2 Proposals shall be submitted sealed in a special envelope furnished by the Department. The blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Department is used, it shall be of the same general size and shape and be similarly marked to clearly indicate its contents. Proposal Forms are nontransferable and no name or names of interested parties may be shown other than those to whom the Proposal was issued. When sent by mail, the sealed Proposals shall be mailed to the

907-103.05.1--Requirement of Contract Bonds. Prior to the execution of the contract, the successful Proposer shall execute and deliver to the Executive Director a performance and payment bond(s), in a sum equal to the full amount of the contract as a guaranty for complete and full performance of the contract and the protection of the claimants and the Department for materials and equipment and full payment of wages in accordance with Section 65-1-85 Miss. Code Ann. (1972 as amended). In the event of award of a joint bid, each individual, partnership, firm or corporation shall assume jointly the full obligations under the contract and the contract bond(s).

907-103.05.2--Form of Bonds. The form of bond(s) shall be that provided by or acceptable to the Department. These bonds shall be executed by a Mississippi agent or qualified nonresident agent and shall be accompanied by a certification as to authorization of the attorney-in-fact to commit the Surety company. A power of attorney exhibiting the Surety's original seal supporting the Mississippi agent or the qualified nonresident agent's signature shall be furnished with each bond. The Surety company shall be currently authorized and licensed in good standing to conduct business in the State of Mississippi with a minimum rating by A.M. Best of (A-) in the latest printing "Best's Key Rating Guide" to write individual bonds up to ten percent of the policy holders' surplus or listed on the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published by the United States Department of the Treasury, Financial Management Service, Circular 570 (latest revision as published and supplemented on the Financial Management Service Web site and in the Federal Register) within the underwriting limits listed for that Surety. All required signatures on the bond(s) and certifications shall be original signatures, in ink, and not mechanical reproductions or facsimiles. The Mississippi agent or qualified nonresident agent shall be in good standing and currently licensed by the Insurance Commissioner of the State of Mississippi to represent the Surety company(ies) executing the bonds.

Surety bonds shall continue to be acceptable to the Commission throughout the life of the Contract and shall not be canceled by the Surety without the consent of the Department. In the event the Surety fails or becomes financially insolvent, the Contractor shall file a new Bond in the amount designated by the Executive Director within thirty (30) days of such failure, insolvency, or bankruptcy. Subsequent to award of Contract, the Commission or the Department may require additional security for any supplemental agreements executed under the contract or replacement security in the event of the surety(ies) loss of the ratings required above. Suits concerning bonds shall be filed in the State of Mississippi and adjudicated under its laws without reference to conflict of laws principles.

907-103.06—Escrow Proposal Documents. The purpose of this specification is to preserve the Proposer's Proposal documents for the use by MDOT in the resolution of any claim or dispute between MDOT and the Contractor either during or after construction. Within two (2) business days following Notification of Award, the Contractor shall have delivered into escrow the original of all documents used in preparation of its Volume 2 Proposal for the Project (the "Escrowed Proposal Documents" or "EPD").

Upon execution of the Contract, the unsuccessful Proposers will be notified by the Commission in writing the escrowing of Proposal documents will no longer be required.

constructed, the Contractor shall maintain the previous course or subgrade during all construction operations.

All cost for maintenance of the Work shall be the responsibility of the Contractor.

Delete Subsections 105.16 and 105.16.1 beginning on page 40 and substitute the following.

907-105.16--Acceptance.

907-105.16.1--Partial Acceptance. Upon written notice from the Contractor of presumptive completion of all Work, save that of growth and coverage of plant establishment on all or part of the Work, and upon due notice from the Resident or Project Engineer, the Engineer will make an inspection. If the Engineer finds upon inspection that the Work has been completed in compliance with the Contract, save that of growth and coverage and plant establishment, and it is a complete facility which can be made available to the public, the Executive Director may conditionally accept the Work.

In the event items of Work covered by such release are found to be defective or deficient as evidenced by unsatisfactory test reports of materials incorporated in the Work or other engineering determination, the release shall terminate upon written notification to the Contractor. The Contractor shall make all corrections, restorations, constructions or re-constructions deemed necessary and shall resume all contractual responsibilities until all corrective measures have been made in accordance with the terms of the Contract.

Partial acceptance does not constitute final acceptance of the Work, or any part thereof, nor in any way void or alter any of the terms of the Contract.

Relief from "certain contractual responsibilities" as indicated herein may, or may not, include:

(a) Further maintenance of the defined limits of the partially accepted Work.

(b) Further public liability for the defined limits of the partially accepted Work.

907-105.16.2--Final Acceptance.
Upon evidence that the Contractor has fulfilled all obligations under the Contract, the Executive Director will make final acceptance and notify the Contractor in writing.

907-105.16.3—Full Release of Maintenance. Upon written notice from the Contractor of presumptive completion of all Work and upon due notice from the Resident or Project Engineer, the Engineer will make an inspection. If all Work provided by the Contractor has been completed to the Engineer's satisfaction, that inspection will constitute the final inspection, and the Engineer will recommend to conditionally release the Contractor of maintenance and notify the Executive Director of completion.

Upon such recommendation the Contractor may be released of maintenance and further contractual liabilities for the completed Work.

If the inspection discloses any work as being unsatisfactory or incomplete, the Engineer will

discuss in detail with the Contractor all discrepancies in the Work. Upon correction of the Work, another inspection will be made which shall constitute the final inspection provided the Work has been satisfactorily completed and the Engineer will notify the Executive Director as to said completion.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-229-1 DB **CODE: (SP)**

DATE: 04/24/2013

SUBJECT: Erosion Mats

Section 907-229, Erosion Mats, is hereby added to and made part of the 2004 Edition of the Standard Specifications for Road and Bridge Construction as follows.

SECTION 907-229 -- EROSION MATS

907-229.01--Description. This work consists of furnishing and installing erosion mats to protect slopes, ditches, etc. from scour and erosion. The mats shall be installed at locations shown on the plans in reasonably close conformity with the lines, grades and dimensions shown on the plans or as directed by the Engineer.

907-229.02--Materials. Erosion mats shall be UV stabilized mat constructed of plastics, composites, polymers, rubber, precast concrete, or cast-in-place concrete. Erosion mats will be used as an erosion preventer for ditches, slopes, and other locations shown on the plans. Erosion mats shall be one of the following, or an approved equal.

Flexamat
Motz Enterprises, Inc.
11006 Reading Road, Suite 301
Cincinnati, OH 45241
Phone: 513-772-6689
www.flexamat.com

Enviromat (EL and EB) Linings
Synthetex
4151 Ashford Dunwoody Road
Suite 510
Atlanta, Georgia 30319
Phone: 800-225-0023
www.hydrotex.com

907-229.03--Construction Requirements. Erosion mats shall be installed in accordance with the plans and manufacturer's guidelines including any underlayment. The anchor system shall be sufficient to anchor the mat to the ground surface.

The installation area shall be graded to a level, smooth surface to avoid water concentration and to create an appropriate base for the erosion mat. If required, seed and fertilizer shall be placed on the prepared surface prior to the installation of the erosion mat.

907-229.04--Blank
907-229.05--Blank

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-622-5 DB **CODE: (SP)**

DATE: 04/24/2013

SUBJECT: **Field Office Building**

Section 622, Engineer's Field Office Building, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction, is hereby amended as follows:

907-622.03.1—Types of Field Office Buildings. Delete the paragraph and substitute the following:

Provide one (1) each Type 3 field office building including all other section requirements.

The Contractor shall provide suitable sites for the MDOT Material Testing Laboratory to be located adjacent to the Type 3 field office provided for MDOT. The site shall be a minimum of 1500 square feet.

907-622.03.1.1--Type 1, Type 2 and Type 3 Field Office Buildings. At the end of the third paragraph of Subsection 622.03.1.1 K. Utilities on page 436, add the following:

In addition to the telephone service, the Contractor shall also provide a broadband connection to the internet. The service shall be capable of providing a downstream speed of 6 Mbps and a upstream speed of 512 kbps.

The Contractor shall pay for the telephone and internet services.

The Contractor shall also provide utilities for the MDOT Material Testing Laboratory and Field Office.

Delete the fourth paragraph and substitute the following:

The Contractor shall provide an all-weather access road and parking lot in close proximity to the field offices and laboratory for not less than twelve full-sized automobiles.

After paragraph L on page 436, add the following:

M. Appliances. The Contractor shall furnish a refrigerator with at minimum 18 cubic feet capacity and a microwave with a minimum of 1100 watts power.

907-622.03.3—Ownership and Use. Delete the third sentence of the paragraph on page 438 and substitute the following:

The building(s) shall be reserved for the exclusive use of the Engineering Personnel for such time as considered necessary, but no longer than 60 days after the date of final release from maintenance on the project.

907-622.05--Basis of Payment. Blank.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-702-3 DB CODE: (SP)

DATE: 04/24/2013

SUBJECT: Polyphosphoric Acid (PPA) Modification of Petroleum Asphalt Cement

Section 702.05, Petroleum Asphalt Cement, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-702.05--Petroleum Asphalt Cement. Delete the third paragraph of Subsection 702.05 on page 598, and substitute the following.

The bituminous material used in all types of asphalt mixtures shall conform to AASHTO Designation: M 320, Performance Grade PG 67-22, as modified in the table below, except that Polyphosphoric Acid (PPA) may be used at low dosage rates as a modifier to enhance the physical properties of a base binder to meet the requirements for Performance Grade PG 67-22. In addition, PPA may be used as a catalyst or mixing agent at low dosage rates in the production of Polymer Modified, Performance Grade PG 76-22.

When PPA is used as a modifier, in no case shall the PPA modifier be used to adjust the physical properties of the binder a full binder grade. For example: the base binder (unmodified) is graded as a PG 64-22 and should only be modified by the addition of PPA to a modified binder grade of PG 67-22.

When petroleum asphalt cement is modified by PPA, the following dosage limits shall be applied.

Grade	Dosage Limit
PG 67-22	0.75% by weight of binder
PG 76-22	0.50% by weight of binder

Delete the last sentence of the fifth paragraph of Subsection 804.03.19.7.3 on page 885, and substitute the following.

The screed shall be mechanically actuated to deliver the screeding action and for travel in a longitudinal direction at a uniform rate along the bridge deck.

Delete the last paragraph of Subsection 804.03.19.7.3 on page 886, and substitute the following.

Other finishing requirements shall be in accordance with the general requirements in Subsection 907-804.03.19.7.1 and as specified on the plans.

Regardless of the finish, the requirements for curing per Subsection 907-804.03.17 shall be completed within the specified time limits.

907-804.03.19.7.4--Acceptance Procedure for Bridge Deck Smoothness. Before the first sentence of Subsection 907-804.03.19.7.4, add the following.

Delete the fourth sentence of the first paragraph of Subsection 804.03.19.7.4 on page 866, and substitute the following.

Profiles will be obtained in the wheel paths of the main thru lanes, both right and left shoulders, and, where conditions allow, in the wheel paths of any auxiliary lanes or tapers.

After Subsection 907-804.03.19.7.4 on page 9, add the following.

Delete the title of Subsection 804.03.19.7.4.1.3 on page 888, and substitute the following.

907-804.03.19.7.4.1.3--Final Surface Texture.

907-804.03.20--Opening Bridges.

907-804.03.20.2--Construction Traffic. Delete the paragraph in Subsection 804.03.20.2 on page 889, and substitute the following:

Unless otherwise specified, the concrete bridge decks shall be closed to construction traffic for the time required for curing in Subsection 907-804.03.17 and until the required compressive strength for the concrete is obtained.

control, but will not be considered as official correspondence for purposes of direction unless backed up with a signed hard copy.

The Contractor shall provide a monthly status report with the monthly pay estimate, on all design submittals, Requests for Information and Requests for Revision.

2.4 Key Personnel

The Contractor shall maintain a directory of Key Personnel and contact numbers and shall provide at least one copy to MDOT and maintain a copy on-site. Key Personnel will include:

1. Project Director - The Project Director should be the primary person in charge of and responsible for delivery of the Project in accordance with the contract requirements. The Project Director should have full authority to make the final decisions on behalf of the Responder/Proposer and have responsibility for communicating these decisions directly to MDOT.

2. Lead Design Engineer – The Lead Design Engineer should be in charge of and responsible for all aspects of the design of the Project (road, bridge, hydrology, and geotechnical).

3. Construction Manager – The Construction Manager reports directly to the Project Director and should be responsible for the overall coordination of the Project including design and construction. The Construction Manager must be present at the site fulltime.

4. Environmental Manager – The Environmental Manager should be responsible for adherence to all environmental requirements and commitments, including but not limited to erosion control inspections as required by the National Pollutant Discharge Elimination System (NPDES), the terms of the Storm Water Permit, if any, and other environmental rules and regulations.

The Contractor shall not change or substitute any such Key Personnel except due to retirement, death, disability, incapacity or voluntary or involuntary termination of employment, or as otherwise approved by MDOT.

In order to obtain MDOT approval of a change to Key Personnel, a written request shall be delivered to MDOT's Authorized Representative. The request shall include:

1. The nature of the desired change;

2. The reason for the desired change;

3. A statement of how the desired change will meet the required qualifications for the position/responsibility; and

Steven Bartlett, Journal of Geotechnical and Geoenvironmental Engineering, December 2002. Youd(2002) Method of determination for gentle slopes, generally between 2% and 6%.

2. [2]Evaluation of abutment stability considering "weakening Soil Method", Pseudostatic Analysis and Simplified Newmark Procedure (TRB 1993) and Youd (2002), adjusted for slopes greater than 20%.The Contractor's Geotechnical Engineer shall examine the boring information and obtain additional borings if necessary and provide recommendations for the design of the bridge foundations based upon the provided boring information and any other borings obtained by the Contractor. Analysis of soil liquefaction by the Contractor's Geotechnical Engineer shall be based upon SPT-Based Liquefaction Triggering procedures presented by Idriss, I. M. and Boulanger, R. W., 2008. "Soil Liquefaction During Earthquakes", Earthquake Engineering Research Institute.

10.3.3 Embankments

All embankments outside of the clear zone shall be constructed with a 3:1 slope or flatter as determined by the Contractor's Geotechnical Engineer. Slope stability analysis of all embankments, with an embankment height of 10 feet or more shall be completed by the Contractor.

10.4 Deep Foundation Verification

10.4.1 Driven Piles

The Contractor shall verify the capacity of piles at each Site to substantiate the requirements of the contract. All bridge pairs on SR 304 / I-269 will be considered a site except for the Coldwater River Crossing. The Contractor shall provide positive demonstration that each pile has the required bearing capacity. At a minimum one abutment pile and one interior pile for all bridge sites except for the Coldwater River Crossing shall be tested with a PDA to determine the capacity and to set the driving criteria for the remaining piles. At the Coldwater River Crossing the Contractor shall develop a PDA testing program such that no production pile is located farther than 100 feet from a PDA test pile. The PDA test piles may be production piles. PDA testing requires signal matching and determination of nominal resistance shall be made from a restrike. The first pile driven at an abutment or interior bent shall be the verification pile. The Contractor shall submit the pile verification results including driving criteria and pile lengths within two (2) days after the completed driving of the verification test pile. The pile driving criteria shall be accepted by MDOT prior to driving production piles.

Pile driving criteria shall include calculations showing that the driving stresses will not exceed the allowable stresses. Driving criteria shall include the maximum stroke of the hammer and the pile cushion material.

10.4.2 Drilled Shafts

The Contractor shall verify the design capacity of the drilled shafts at each Site by means of a full-scale load test. The load test(s) shall be conducted in representative soil conditions where unit side friction capacities are measured in each soil layer which was encountered during design of the production shafts at the Site. The unit end bearing capacity shall be measured in the soil layer where the deepest shaft at the Site will be founded. The load test shall be conducted using shaft(s) constructed in a manner and of dimensions and materials identical to those planned for the production shafts. For bridges where shafts of

drain from the bridge decks. Stay-in-place concrete deck panels or precast concrete deck panels shall not be used.

4. The minimum number of longitudinal girders supporting a bridge cross section shall be no less than four (4). In no case shall the maximum girder spacing be greater than 11'-6".

5. No fracture critical members, connections, or pin and link type connections are allowed.

6. Structures shall have members and details that utilize redundant load paths.

7. All steel plate girder or steel tub girders spans shall be curved to match the horizontal curvature of the alignment. Precast-prestressed concrete girder spans shall not be utilized when the horizontal curvature of the alignment results in an offset of 10-inches or more in a span measured between the chord as defined by the straight girder and the curve.

8. Bridge superstructures that have continuity over piers shall have the same number of girders in each span of the continuous section.

9. The minimum low chord for the Coldwater River Crossing shall be Elevation 330.00.

10. The minimum span lengths for the Coldwater River Crossing shall be 50'-0", and "Choctaw" type spans are not permitted.

11. A longitudinal joint may be utilized on the Coldwater River Crossing provided it is located two (2) inches from the edge of the median barrier.

16.3.2 Bridge Substructures

Bridge substructures (including abutments) shall be reinforced concrete components supported by deep foundations.

Bridges at interchanges shall be constructed with cast-in-place concrete round multi-column frame bents.

Bridge abutments shall be protected by armoring the abutment slopes. Rip rap shall be used for hydraulic bridges and concrete slope paving shall be used for grade separations.

16.4 Bridge Design Criteria

16.4.1 Concrete Design

16.4.1.1. Reinforced Concrete

All concrete shall be designed and produced in accordance with MDOT Standard Specifications Section 804 Table 3. Cement used in concrete shall meet the requirements of Section 701 of the Mississippi Standard Specifications for Road and Bridge Construction.

Cast-in-Place Concrete:
Class AA
f'c = 4,000 psi

Drilled Shaft Concrete:
Class DS
f'c = 4,000 psi

16.4.1.2. Reinforcing Steel

1. Cast-in-place concrete shall be reinforced only with deformed bars conforming to AASHTO M31 (ASTM A 615) or A 706. Reinforcement to be welded shall conform to ASTM A 706. Reinforcing steel shall be Grade 60.

2. Cast-in-Place Concrete Clear Cover -

   i. Drilled Shafts – 6" to the main reinforcing steel
   ii. Footings – Bottom Mat – 4"
   iii. Footings – Top Mat – 3"
   iv. Pedestals and Columns – 3"
   v. All other reinforcing steel per AASHTO

16.4.1.3. Prestressing Steel

1. Prestressing Steel shall conform to AASHTO M 203 (ASTM A 416). Prestressing Strand shall be weldless in accordance with AASHTO 203, subsection 8.1.4.

16.4.1.4. Allowable Stress, Deflection and Strength Considerations

1. Reinforced concrete structures shall be designed in accordance with AASHTO LRFD Bridge Design Specifications.

16.4.1.5. Special Considerations for Bridge Decks

1. The top one-fourth (1/4) inch of all concrete slabs shall be considered as a wearing surface and shall not be included in the nominal slab depth used for the calculation of section properties but shall be included in the dead load calculations.

2. The minimum bridge deck thickness shall be eight (8) inches. The cantilever overhang portions of the bridge deck shall have a minimum thickness as follows:

   a. Nine (9) inches – where 32 inch railing is used.

   b. Ten (10) inches – where 42 inch railing is used.

3. Final surface texture of a concrete bridge decks and bridge end pavements shall be mechanically transverse grooved in accordance with Sections 501 and 804 of the Mississippi Standard Specifications for Road and Bridge Construction.

16.4.1.6. Prestressed Concrete

Prestressed concrete girders shall be designed as simple spans and made continuous for live load.

All concrete shall be designed and produced in accordance with MDOT Standard Specifications Section 804 Table 3. Cement used in concrete shall meet the requirements of Section 701 of the Mississippi Standard Specifications for Road and Bridge Construction.

Prestressed Concrete
Class Fx range
From a minimum of f'c = 5,000 psi
To a maximum of f'c = 8,500 psi

16.4.1.7. Miscellaneous Requirements and Restrictions

1. Mid span concrete diaphragms shall be a minimum thickness of nine (9) inches and extend from the deck to the top of the bottom flange when required by the AASHTO LRFD Bridge Design Specifications.

2. For prestressed concrete girder spans, cast-in-place concrete diaphragm shall be located at all intermediate piers that are within the deck live load continuity. The intermediate pier diaphragms shall be a minimum of twelve (12) inches thick and shall extend from the deck to the top of the pier cap.

3. Cast-in-place Concrete diaphragms are required at the ends of prestressed concrete girders where there is a break in deck continuity. The end diaphragms shall be a minimum of twelve (12) inches thick and shall extend from the deck to the top of the bottom flange.

4. External Post-tensioning will not be permitted.

5. All substructure caps shall have shear keys located on the cap just outside the exterior girders and shall have a minimum height of fifteen (15) inches above the bottom of the exterior girder. The minimum length as measured transversely along the cap shall be fifteen (15) inches and the minimum width shall be three (3) feet or two-thirds (2/3) of the cap width, whichever is greater. There shall be a one (1) inch gap between the shear key and either the face of the exterior girder or any bearing device, pad or plate supporting the exterior girder.

6. Prestressed concrete piles shall be a minimum of 7 days old prior to driving.

7. Special requirements regarding stay-in-place forms and temporary bracing can be found in SP 907-804-13 DB with Supplement and NTP 4085 DB.

16.4.2 Structural Steel Design

Steel structures shall be designed in accordance with AASHTO LRFD Bridge Design Specifications.

16.4.2.1. Materials

Structural steel for primary members shall conform to the requirements of AASHTO M 270 Grade 50/50W (Weathering) or Grade HPS 70W. Structural steel for secondary members shall conform to the

office shall be in good repair, located where there is not excessive noise and shall be used for MDOT QA Shop Inspection Personnel only. Convenient and adequate parking shall be provided.

The Fabricator shall provide MDOT QA Shop Inspection Personnel convenient access to a fax machine and a copy machine. Changes in office location or facilities shall be made only upon approval of MDOT Director of Structures/State Bridge Engineer.

16.4.5 Deep Foundation Design

All bridge foundations (including abutments) shall be constructed with deep foundations consisting of piles, drilled shafts or footings supported by piles or drilled shafts.

All bridges over waterways shall be designed or evaluated in accordance with 23 CFR 650, FHWA Technical Advisory, "Evaluating Scour at Bridges," October 28, 1991, Hydraulic Circular 18(HEC 18) and any other State or Federal regulations as appropriate. Scour elevations shall be shown for each bent location on the Elevation and Foundation Layout sheets of the bridge plans.

Footings subject to scour shall have the tops of the footing no higher than the 100 year scour elevation. Footings not subject to scour shall have a minimum of two (2) feet of cover.

Piles or drilled shafts shall be tipped a minimum of twenty (20) feet below the 500 year scour elevation.

Deep foundations are required to extend a minimum of fifteen (15) feet below any compacted fill.

All piling shall be prestressed concrete, H-pile steel or pipe pile. For water crossing, steel H-piles, if used, shall be encased from the bottom of the pile cap to a minimum of five (5) feet below natural ground.

All steel pipe piles shall be concrete filled with a reinforced concrete section. No portion of the steel pipe pile shall be considered effective in the support of the bridge.

16.4.6 Bearings

Bearings shall be designed in accordance with AASHTO LRFD Bridge Design Specifications Section 14. Elastomeric bearings or disc bearings are preferred. Natural rubber in elastomeric bearings will not be allowed. The maximum thickness of laminated elastomeric bearings shall be 5 1/2 inches. All bearings shall be designed and detailed to be replaceable by jacking while maintaining traffic. Disc bearing anchor bolts shall be located no closer than 1 1/2 inches clear horizontally from face of bottom flange of a girder.

16.4.7 Bridge Railings

Bridge railing shall be a minimum of thirty two (32) inches tall and shall have a minimum rating of TL-4. All bridge railings shall be crash tested and meet the requirements of NCHRP Report 350.

16.4.8 Expansion Joints

Expansion joints shall be provided to accommodate the movement of the bridge. Expansion joints with a movement rating of two (2) inches or less may be constructed as an open joint. Finger Joints shall be used when the movement rating of the expansion joints is greater than two (2) inches. The design and construction of the finger joint shall be similar to the joint plans shown at the end of this Section 16. Modular joints shall not be used.

TOTAL BID……..CONTRACT PRICE…….. ……$_____

COMPLETE ITEM NOS. 1, 2, AND/OR 3 AS APPROPRIATE. SEE NOTICE TO PROPOSERS NO. 4103 DB AND SUPPLEMENT.

1. I/We agree that no less than _____ percent shall be expended with small business concerns owned and controlled by socially and economically disadvantaged individuals (DBE and WBE).

2. Classification of Bidder: Small Business (DBE) _____ Small Business (WBE) _____

3. A joint venture with a Small Business (DBE/WBE): Yes _____

4. All requirements of the RFP have been included in the Total Bid.

***** SIGNATURE STATEMENT *****

BIDDER ACKNOWLEDGES THAT HE/SHE HAS CHECKED ALL ITEMS IN THIS PROPOSAL FOR ACCURACY AND CERTIFIED THAT THE FIGURES SHOWN THEREIN CONSTITUTE THEIR OFFICIAL BID.

_____
PROPOSER'S SIGNATURE

_____
PROPOSER'S COMPANY

_____
PROPOSER'S TAX ID NUMBER/DUNS NUMBER

written approval of plan from MDOT prior to any lane closures. The Contractor shall provide certification to MDOT that the insurance coverage's required by the Contract are in effect at the time of the remedial work.

D. Warranty Transfers

The Contractor shall take all steps necessary to transfer to the Commission any manufacturer's or other third-party's warranties of any materials or other services used in the construction of the Project.

E. Bridge Deck Warranty

The warranty period begins upon the effective date of the Full Release of Maintenance as documented in writing in accordance with Special Provision No. 907-105.16.3. Near the end of the first year of the warranty period MDOT forces will inspect the bridge decks for cracks. All cracks at that time that are greater than or equal to 0.012" in width shall be repaired by the Contractor utilizing a method approved by MDOT and to the satisfaction of the Department. Bridge deck cracking will not be evaluated at the end of the second year. All costs associated with the bridge deck repairs shall be borne by the Contractor.

VII. INDEMNITY

The Contractor shall indemnify and hold harmless the Commission and all its officers, agents and employees from any claim, loss, damage, cost, charge or expense arising out of any negligent act, actions, neglect or omission by the Contractor, its agents employees, or subcontractors during the performance of this Contract, whether direct or indirect, and whether to any person or property for which the Commission or said parties may be subject, except that neither the Contractor nor any of its agents or sub-contractors will be liable under this provision for damages arising out of the injury or damage to persons or property solely caused or resulting from the negligence of the Commission or any of its officers, agents or employees.

The Contractor's obligation to indemnify, defend, and pay for the defense, or at the Commission's option, to participate and associate with the Commission in the defense and trial or arbitration of any damage claim, lien or suit and related settlement negotiations shall be initiated by the Commission's notice of claim for indemnification to the Contractor. The Contractor's evaluation of liability, or its inability to evaluate liability, shall not excuse Contractor's duty to defend. Only an adjudication or judgment after the highest appeal is exhausted specifically finding the Commission entirely responsible shall excuse performance of this provision by the Contractor. In such case, the Commission shall pay all costs and fees related to this obligation and its enforcement. Should there be a finding of dual or multiple liability, costs and fees shall be apportioned accordingly.

In conjunction herewith, the Commission agrees to notify the Contractor as soon as practicable after receipt or notice of any claim involving Contractor. These indemnities shall not be limited by reason of the listing of any insurance coverage or warranties elsewhere herein.

VIII. RECORD RETENTION

The Contractor shall maintain all documents for a period of three (3) years after Payment of Final Voucher.

During the three (3) year retention period, the Commission, the FHWA or duly authorized representatives thereof will be granted access to those documents upon reasonable notice. At any time during the period,